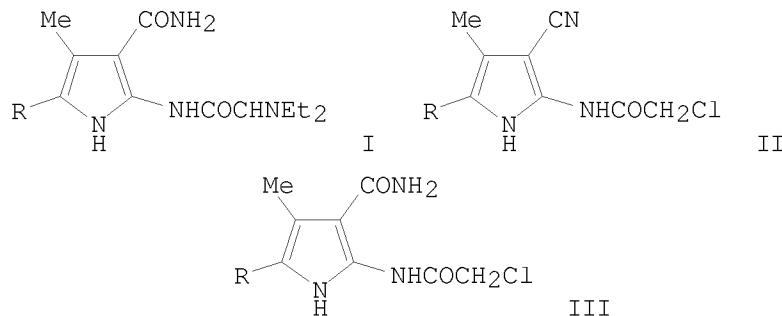


L9 ANSWER 35 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1980:41682 CAPLUS <<LOGINID::20090520>>
DOCUMENT NUMBER: 92:41682
ORIGINAL REFERENCE NO.: 92:6949a,6952a
TITLE: Synthesis of substituted 2-aminopyrrole analogs of lidocaine. II
AUTHOR(S): Johnson, Ronald W.; Keenan, Thomas H.; Kosh, Joseph W.; Sowell, J. Walter
CORPORATE SOURCE: Coll. Pharm., Univ. South Carolina, Columbia, SC, 29208, USA
SOURCE: Journal of Pharmaceutical Sciences (1979), 68(8), 955-8
CODEN: JPMSAE; ISSN: 0022-3549
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 92:41682
GI



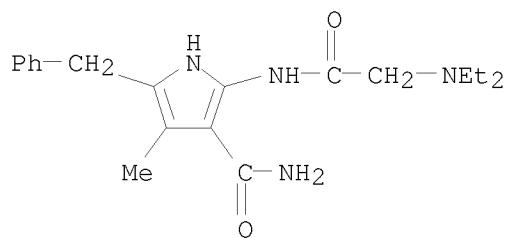
AB The synthesis and local anesthetic and antiarrhythmic properties of 8 substituted 2-diethylaminoacetamido-3-carbamyl-4-methylpyrroles I ($R = Me, Et, CH_2CHMe_2, Ph, CH_2Ph, CH_2C_6H_4OH-p, CH_2C_6H_4Cl-p$) are described. Nitriles II were heated with 85% phosphoric acid at 120–140° to give the corresponding amides III, which were treated with Et_2NH to give I. Three compds. showed significant local anesthetic activity by the guinea pig wheal test, and 4 showed antiarrhythmic activity against chloroform-induced ventricular arrhythmias in mice.

IT 71865-51-5P 72406-75-8E 72406-76-9P
72406-77-0P 72406-78-1E 72406-79-2P
72406-80-5P 72429-23-3E

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and antiarrhythmic and local anesthetic activity of)

RN 71865-51-5 CAPLUS

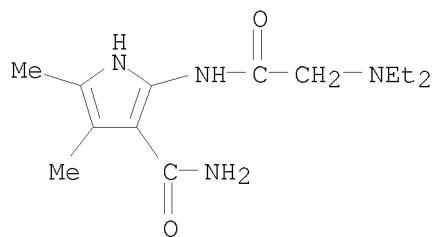
CN 1H-Pyrrole-3-carboxamide, 2-[2-(diethylamino)acetyl]amino]-4-methyl-5-(phenylmethyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 72406-75-8 CAPLUS

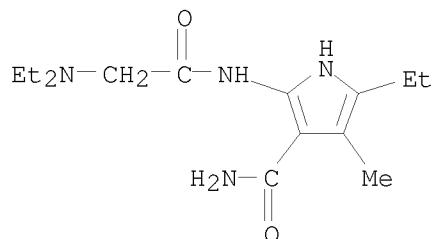
CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-4,5-dimethyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 72406-76-9 CAPLUS

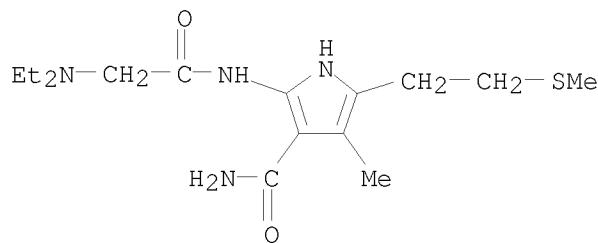
CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-5-ethyl-4-methyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 72406-77-0 CAPLUS

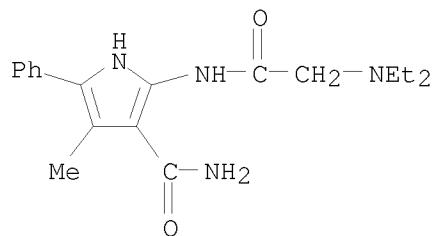
CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-4-methyl-5-[2-(methylthio)ethyl]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 72406-78-1 CAPLUS

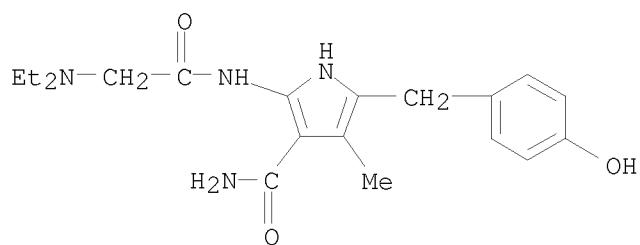
CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-4-methyl-5-phenyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 72406-79-2 CAPLUS

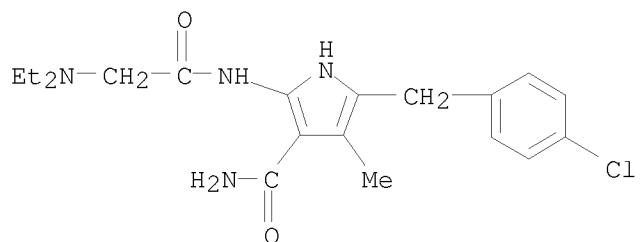
CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-5-[(4-hydroxyphenyl)methyl]-4-methyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 72406-80-5 CAPLUS

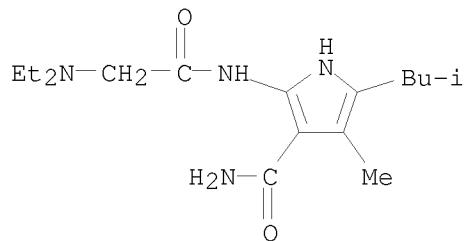
CN 1H-Pyrrole-3-carboxamide, 5-[(4-chlorophenyl)methyl]-2-[(2-diethylamino)acetyl]amino]-4-methyl-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 72429-23-3 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-4-methyl-5-(2-methylpropyl)-, hydrochloride (1:1) (CA INDEX NAME)



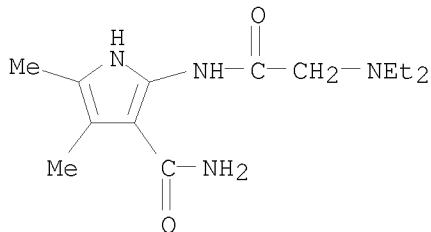
● HCl

IT 72406-67-8P 72406-68-9P 72406-69-0P
72406-70-3P 72406-71-4P 72406-72-5P
72406-73-6P 72406-74-7P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

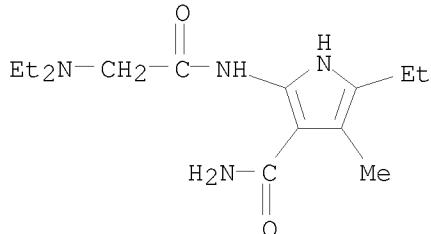
RN 72406-67-8 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-4,5-dimethyl-
 (CA INDEX NAME)



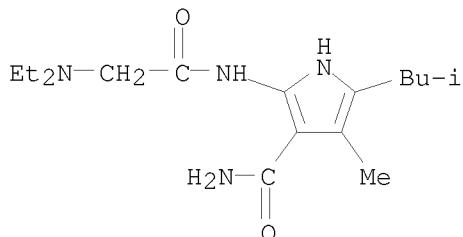
RN 72406-68-9 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-5-ethyl-4-methyl- (CA INDEX NAME)

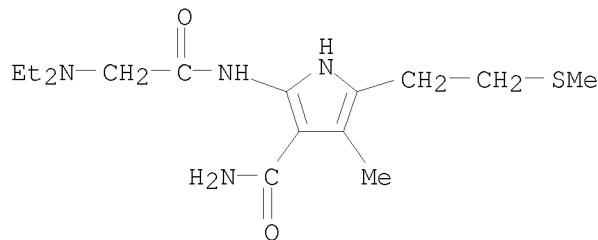


RN 72406-69-0 CAPLUS

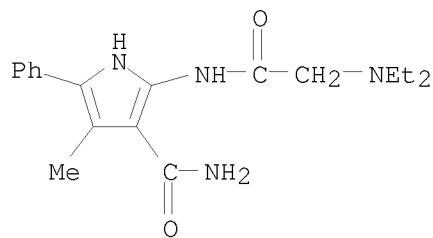
CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-4-methyl-5-(2-methylpropyl)- (CA INDEX NAME)



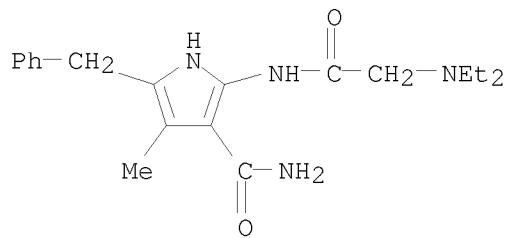
RN 72406-70-3 CAPLUS
 CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-4-methyl-5-[2-(methylthio)ethyl]- (CA INDEX NAME)



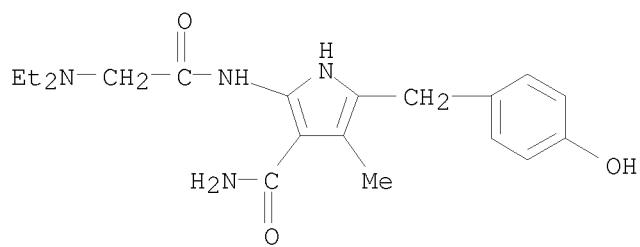
RN 72406-71-4 CAPLUS
 CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-4-methyl-5-phenyl- (CA INDEX NAME)



RN 72406-72-5 CAPLUS
 CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-4-methyl-5-(phenylmethyl)- (CA INDEX NAME)



RN 72406-73-6 CAPLUS
 CN 1H-Pyrrole-3-carboxamide, 2-[(2-(diethylamino)acetyl)amino]-5-[(4-hydroxyphenyl)methyl]-4-methyl- (CA INDEX NAME)



RN 72406-74-7 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 5-[(4-chlorophenyl)methyl]-2-[(2-diethylamino)acetyl]amino]-4-methyl- (CA INDEX NAME)

